

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen this Motorola GSM wireless phone.



Welcome - 1

www.motorola.com

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Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION. READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorised antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorised antennas may result in non-compliance with the local regulatory requirements in your country.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimetres) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimetres) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimise the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your GP may be able to assist you in obtaining this information.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimetres) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimetres) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as "Intrinsically Safe." Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fuelling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.






Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted "Turn off electronic devices." Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewellery, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, bag, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television

or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.


Repetitive Motion Injuries

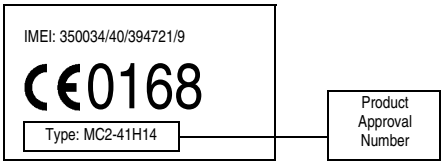
When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

European Union Directives Conformance Statement

Hereby, Motorola declares that this product is in compliance with

- 
- The essential requirements and other relevant provisions of Directive 1999/5/EC
 - All other relevant EU Directives



The above gives an example of a typical Product Approval Number.

You can view your product's Declaration of Conformity (DoC) to Directive 1999/5/EC (the R&TTE Directive) at www.motorola.com/rte - to find your DoC, enter the product Approval Number from your product's label in the "Search" bar on the Web site

Getting Started

About This Guide

This guide describes the basic features of your Motorola wireless phone.

Optional Features



This label identifies an optional network, SIM card, or subscription-dependent feature that may not be offered by all service providers in all geographical areas. Contact your service provider for more information.

Optional Accessories



This label identifies a feature that requires an optional accessory.

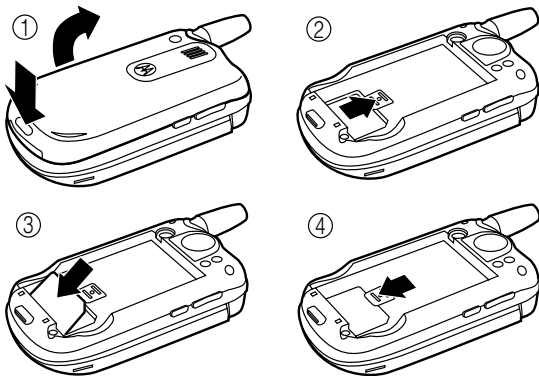
Installing the SIM and Memory Cards

Caution: Do not bend or scratch your SIM or memory cards. Avoid exposing your cards to static electricity, water, or dirt.

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Installing a SIM Card

Your Subscriber Identity Module (SIM) card contains your phone number, service details, and phonebook/message memory.



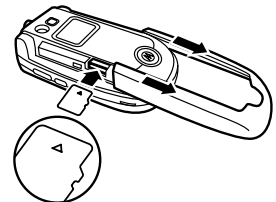
Installing a Memory Card



You can install a memory card in your phone to store more multimedia files such as audio clips, pictures, and video clips.

Note: If you install the memory card when your phone is turned on, you might have to turn the phone off and on again before you try to use the card.

To install a memory card, slide the metal trim piece off the top of your phone. Then, insert the card as shown. Press the card in until it clicks into place.



Tip: Use your fingernail along the top edge of the trim piece to start sliding it.

To select a memory card as your storage device, see page 20.

Battery Tips

Battery life depends on the network, signal strength, temperature, features, and accessories you use.

- Always use Motorola Original batteries and battery chargers. The warranty does not cover damage caused by non-Motorola batteries and/or chargers.
- New batteries or batteries stored for a long time may take more time to charge.
- When charging your battery, keep it near room temperature.
- When storing your battery, keep it uncharged in a cool, dark, dry place, such as a refrigerator.
- Never expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- It is normal for batteries to gradually wear down and require longer charging times. If you notice a change in your battery life, it is probably time to purchase a new battery.





Contact your local recycling centre for proper battery disposal.

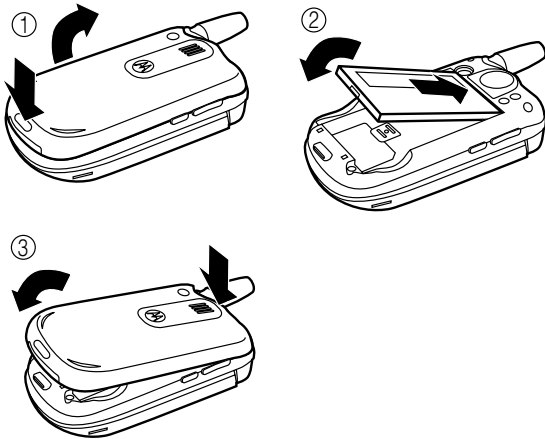
Warning: Never dispose of batteries in a fire because they may explode.

Before using your phone, please read the battery safety information in the *Safety and General Information* section included in this guide.

Installing the Battery



TM Your phone is designed to use only Motorola Original batteries and accessories.



Action

- 2 If necessary, enter your SIM card PIN code and press the **OK** key to unlock the SIM card.

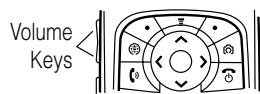
Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays **SIM Blocked**.

- 3 If necessary, enter your 4-digit unlock code and press the **OK** key to unlock the phone.

Adjusting Volume

Press up or down on volume keys to:

- increase or decrease earpiece volume during a call
- turn off an incoming call alert
- increase or decrease the ringer volume setting when the home screen is visible



Tip: At the lowest volume setting, press the down volume key once to switch to vibrate alert. Press it again to switch to silent alert. Press the up volume key to cycle back to vibrate alert, then ring alert.

Making a Call

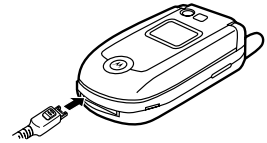
Press	To
1 keypad keys	dial the phone number
2	make the call
3	end the call and "hang up" the phone when you are finished

Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, install and charge the battery as described below. Some batteries perform best after several full charge/discharge cycles.

Action

- 1 Plug the travel charger into the bottom of your phone.



- 2 Plug the other end of the travel charger into the appropriate electrical outlet.

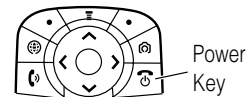
- 3 When your phone indicates **Charge Complete**, remove the travel charger.

Tip: You can safely leave the travel charger connected to your phone after charging is complete. This will not damage the battery.

Turning Your Phone On

Action

- 1 Press and hold for 2 seconds to turn on the phone.



Power Key

Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

If **Open to Answer** is **On**, open the phone to answer the call.

Tip: To set **Open to Answer**, press > **Settings** > **In-Call Setup** > **Answer Options** > **Open to Answer**.

If **Open to Answer** is **Off**:

Press	To
1	answer the call
2	end the call and "hang up" the phone when you are finished

Viewing Your Phone Number

To view your phone number from the home screen, press .

While you are on a call, press > **My Tel. Number**.

Note: Your phone number must be stored on your SIM card to use this feature. To store your phone number on the SIM card, see page 56. If you do not know your phone number, contact your service provider.




Highlight Features

You can do much more with your phone than make and receive calls! This section describes some of your phone's highlight features.

Using a Removable Memory Card



You can use a memory card with your phone to store and retrieve multimedia objects (such as photos and sounds). To install a memory card, see page14.

To view and manage an installed memory card:

Find the Feature		 > Settings > Phone Status > Storage Devices
Press	To	
1 	scroll to the memory card	
2 DETAILS key	view memory card information	
or		
	open the Storage Device menu to perform other procedures	

The **Storage Device** menu can include the following options:

Option	Description
Format	Format the memory card.
Rename	Rename the memory card.

To view files on the memory card in a multimedia list (such as **Pictures** or **Sounds**), press  > **Switch Storage Device** > **TRANS**. To view files stored on your phone again, press  > **Switch Storage Device** > **Phone**.


Using the Memory Card as a USB Drive

You can access your phone's memory card with a PC.

Note: When your phone is connected to a computer, you can only access the memory card through the computer.

On your phone:

Find the Feature  > Settings > Connection > USB Settings > Memory Card

 TM This directs the USB connection to your memory card. Attach the Motorola Original USB cable to the accessory port on your phone and to an available USB port on your computer. Then follow these steps:

On your computer:

Action


- 1 Open your "My Computer" window, where your phone's memory card displays as a "Removable Disk" icon.
- 2 Click on the Removable Hard Drive icon to access the files on your phone's memory card.
- 3 To store the desired files onto the memory card, drag and drop them as follows: **MP3 files:** > mobile > audio **screen savers:** > mobile > picture **wallpapers:** > mobile > picture **video clips:** > mobile > video

Action

- 4 When you finish, remove the device by selecting the "Safely Remove Hardware" icon in the system tray at the bottom of your screen. Then select "USB Mass Storage Devices" and "Stop".
- 5 Select "USB Mass Storage Device" then "OK".

On your phone:

To return to **Data Fax** as your USB default connection:

Find the Feature  > Settings > Connection > USB Settings > Data/Fax Connection

Storing Protected Content on Your Phone's Memory Card



Certain items that you download to your phone are encrypted with Digital Rights Management (DRM) technology. This protected content is encrypted with a key (coded data) that locks and unlocks the content. To play back or view protected content that is stored on the memory card, you must have the corresponding key stored on the phone itself. The key determines how the content can be used.

For example, the key may allow you to play the content of your download 5 times or use the content for a specified period of time, such as 3 days before it expires.


To activate downloaded protected files:

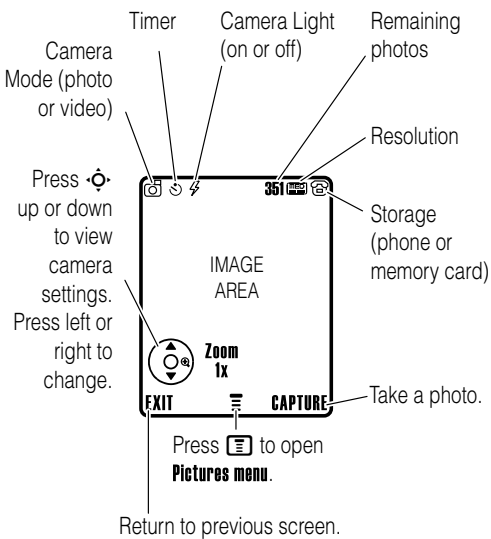
Find the Feature  > Office Tools > Activation List

Press	To
1 SELECT key	select Activation List

Press	To
2 	scroll to Pictures, Sounds, Themes, or Videos
3 SELECT key	select item
4 	scroll to desired file from list
5 STATUS key	check the Status, Type, Activation, or Counts Remaining

Taking and Sending a Photo

Press  to display the camera viewfinder:



Tip: High-resolution images can only be stored on your memory card. To change picture resolution, press [Menu] > **Pictures Setup** > **Resolution** from the camera viewfinder. For more **Pictures Menu** options, see the table after the procedure.

Point the camera lens at the photo subject, then:

Press	To
1 CAPTURE key	take a photo Tip: Press [Menu] to open the Pictures Menu , where you can change options such as resolution. See the table following this procedure.
2 [Menu]	view options for storing or applying the photo
or SEND key	send the photo in a Multimedia Message (see page28)
or DISCARD key	delete the photo and return to the active viewfinder

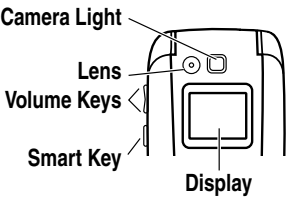
Press [Menu] to open the **Pictures Menu** when the camera is active. The **Pictures Menu** can include the following options:

Option	Description
Go To Pictures	View stored pictures and photos.
Go To Video Mode	Switch to the video camera.

Option	Description
Switch Storage Device	Choose to store and view pictures on your phone or memory card. Note: You can only store high resolution images on your memory card.
Auto-Timed Capture	Set a timer for the camera to take a photo. Note: If you close the phone, it will still take a photo when the timer is done.
Light On/Off	Turn the camera light on or off. Note: The light stays on until you take a picture, receive a phone call, or select Light Off .
Pictures Setup	Open the setup menu to adjust picture settings. Note: High-resolution images can only be stored on your memory card.
View Free Space	See how much memory remains.

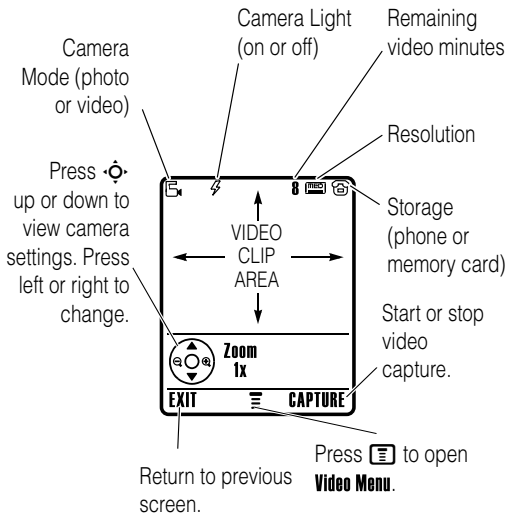
Taking a Self Portrait

If you close your phone while the viewfinder is active, the external display shows the image. Press the volume keys to zoom, or press the smart key to capture the image.



Recording Video Clips

Press [Video] and [Menu] > **Go To Video Mode** to display the video viewfinder:



Note: You can only zoom before you start recording.

Tip: If you want to send your video in an MMS message, the video length must be set to MMS. To set length, press [Menu] > **Videos Setup** > **Video Length**. For more **Videos Menu** options, see the table after the procedure.

Point the camera lens at the video subject, then:

Press	To
1 CAPTURE key	start the video
2 STOP key	stop the video
3 [Menu]	store the video
or SEND key	send the photo in a Multimedia Message (see page28)
or DISCARD key	delete the photo and return to the active viewfinder

Press [Menu] to open the **Videos Menu** when the camera is active. The menu can include the following options:

Option	Description
Go To Videos	View videos stored on your phone.
Go To Photo Mode	Switch to the photo camera.
Switch Storage Device	Choose to store videos on your phone or a memory card.
Videos Setup	Open the setup menu to adjust video settings. Note: Set Video Length to MMS if you want to send your video in an MMS message. Set Video Length to Maximum to record longer clips you can store on your memory card.
View Free Space	See how much memory remains.

Sending a Multimedia Message



A *Multimedia Messaging Service* (MMS) message contains one or more slides with text and media objects (including photos, pictures, animations, sounds, voice records, and/or video clips). You can send the multimedia message to other wireless phone users, and to email addresses.

Find the Feature



> **Messages** > **New Message**
> **New Multimedia Msg**

Press	To
1 keypad keys	enter text
2	open the MMS Menu
3	scroll to Insert
4 SELECT key	display a list of items you can insert
5	scroll to a type of object to insert
6 SELECT key	select the object type
7	highlight the object you want
8 SELECT key	insert the object
	To add another slide to the message, continue.
	To send the message, go to step 14.
9	open the MMS Menu to insert a new slide
10	scroll to Insert
11 SELECT key	display a list of items you can insert
12	scroll to New Page

28 - Highlight Features

Press	To
21 OK key	store the subject
22 SEND key	send the message

Tip: You can answer an incoming call while you are creating a message. When you finish the call, you can find the message saved in > **Messages** > **Drafts**.

Receiving a Multimedia Message



When you receive a multimedia message or letter, your phone displays the (message waiting) indicator and a **New Message** notification, and sounds an alert.

Press	To
READ key	open the message

Multimedia messages that you receive can contain different media objects:

- Photos, pictures, and animations are displayed as you read the message.
- A sound file or video clip begins playing when its slide is displayed. Use the volume keys to adjust the volume as the sound file or video clip plays.

Note: In a multimedia letter, you may have to highlight an indicator in the text to play a sound file or video clip.

- Attached files are added to the end of the message. To open the attachment, highlight the file indicator/filename and press the **VIEW** key (image file type), **PLAY** key (sound file or video clip), or **OPEN** key (object such as phonebook or datebook entry, or unknown file type).

30 - Highlight Features

Press

13 **SELECT** key

To

insert a new slide after the current slide

Repeat steps 1 to 8 to enter contents for the new slide.

14 **OK** key

store the message

15

scroll to a **Send To** option:

- Highlight **(One Time Entry)** to enter one or more phone numbers and/or email addresses.
- Highlight **(New Phonebook Entry)** to enter a number/address and add it to the phonebook.
- Or highlight an existing phonebook entry.

16 **SELECT** key

select **(One Time Entry)** or **(New Phonebook Entry)** and enter a number/address

or

ADD key

add a phonebook entry to the list of recipients

17 **DONE** key

store the numbers/addresses

18

scroll to **Subject**



19 **CHANGE** key

select **Subject**

20 keypad keys

enter the subject

Using the Phonebook

This section briefly describes basic phonebook operations. For more information about using the phonebook, see page 76.

Storing a Phone Number

Enter a phone number in the home screen, then press the **STORE** key to create a phonebook entry with that number. Fill in the other fields to complete the entry.

Select **MORE** to store another number (for example, a work number) under the same Name.

Recording a Voice Name

When creating a phonebook entry, scroll to **Voice Name** and press the **RECORD** key. Press and release the voice key and say the entry's name (within 2 seconds). When prompted, press and release the voice key and repeat the name. Press the **DONE** key to store the voice name.

Note: This option is not available for entries stored on the SIM card.

Storing a Picture for Caller ID

You can store a picture for a phonebook entry. The picture appears when you receive calls from the entry.

Note: This option is not available for entries stored on the SIM card.

When creating a phonebook entry, scroll to **Picture** and press the **CHANGE** key. Press to select a picture, and press the **SELECT** key to store it for the entry.

Highlight Features - 31

Selecting a Number

Press **[Phonebook]** > **Phonebook**, then press **[Up/Down]** to scroll to a number. To quickly highlight entries in a long **Phonebook** list:

- If your entries are sorted by **Name**, **Voice Name**, or **Email**, press keys for the letters in the name. For example, press **[5]** **[4]** **[7]** for the first three letters of "Lisa". When the name you want appears at the bottom of your display, highlight it and press the **SEARCH** key to go to the entry. This works like iTAP™ text entry (see page 48).
- If your entries are sorted by **Speed No.**, press an entry's speed number to highlight it. For example, press **[1]** **[5]** for entry number 15.

Dialling a Number

Press **[Phonebook]** > **Phonebook** > *entry to call*, then press **[Call]**.

Voice Dialling a Number

Press and release the voice key, and say the entry's name (within 2 seconds).

Note: To voice dial a phonebook entry you must first record a voice name for the entry (see page 31).

Sorting Phonebook Entries

Press **[Phonebook]** > **Phonebook**, press **[Phonebook]** > **Setup** > **Sort by**, then select whether you want to sort the phonebook list by **Name**, **Speed No.**, **Voice Name**, or **Email**.

When sorting by name, you can view **All** numbers or just the **Primary** number for each name. To set the primary number for a name, see page 78.

Viewing Entries By Category

Press **[Phonebook]** > **Phonebook**, press **[Phonebook]** > **Categories**, then select whether you want to view **All** entries, entries in a predefined category (**Business**, **Personal**, **General**, **VIPs**), or entries in a category you created.

To set the category for a phonebook entry, see page 77.

Setting Picture ID View

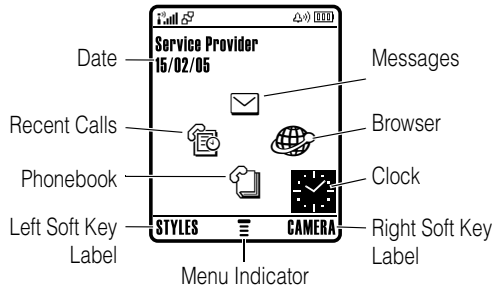
Press **[Phonebook]** > **Phonebook**, press **[Phonebook]** > **Setup** > **View by** > **Picture**.

Learning to Use Your Phone

See page 1 for a basic phone diagram.

Using the Display

The *home screen* displays when you are *not* on a call or using the menu. You must be in the home screen to dial a phone number.



Press the 5-way navigation key (◂◃◅◆◇) left, right, up, or down to select one of the menu feature icons. If you select a menu icon by mistake, press to return to the home screen.

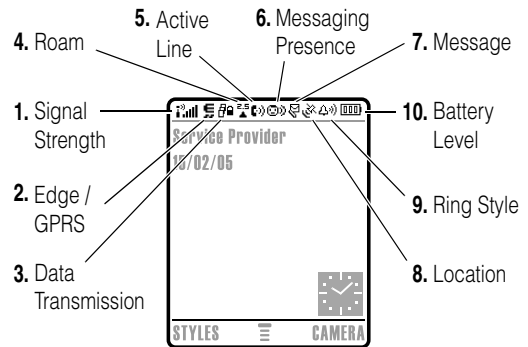
Note: Your home screen may look different from the display shown above. For example, your service provider may hide the menu feature icons to allow a better view of the wallpaper image. You can still select the menu icons when they are hidden from view. To show or hide the menu icons, see page 79.

The (menu) indicator indicates that you can press the menu key () to enter the main menu.

Labels at the bottom corners of the display show the current soft key functions. Press the left or right soft key to perform the function indicated by the left or right soft key label.

Your phone can display an analogue or digital clock in the home screen (see page 79).

The following status indicators can display:



1. Signal Strength Indicator

Vertical bars show the strength of the network connection. You cannot make or receive calls when the (no signal) indicator or (no transmit) indicator displays.

2. Edge / GPRS Indicator



Shows that your phone is using a high-speed General Packet Radio Service (GPRS) or Edge network connection. Indicators can include:

- = GPRS PDP context active
- = GPRS packet data available
- = Edge active

3. Data Transmission Indicator

Shows connection and data transmission status. Indicators can include:

- = secure packet data transfer
- = insecure packet data transfer
- = secure application connection
- = insecure application connection
- = secure Circuit Switch Data (CSD) call
- = insecure CSD call
- = Bluetooth® connection

4. Roam Indicator



Shows when your phone is seeking or using another network outside your home network. Indicators can include:

- = 2.5G home
- = 2.5G roam
- = 2G home
- = 2G roam

5. Active Line Indicator



Shows to indicate an active call, or to indicate when call diverting is on. Icons for dual-line-enabled SIM cards can include:

- = line 1 active
- = line 2 active
- = line 1 active, call divert on
- = line 2 active, call divert on

6. Messaging Presence Indicator



Shows when Instant Messaging (IM) is active. Indicators can include:

- = IM active
- = busy
- = invisible to IM

When a Java™ application is active, can display in this location. To see Java applications, press > **Games & Apps**.


7. Message Indicator



Displays when you receive a new message. Indicators can include:

- = text message
- = voicemail message
- = voicemail and text message
- = text message with attachment
- = IM message
- = active chat session

8. Location Indicator

 Your phone may be able to send location information to the network during an emergency call. Indicators show when your phone is sending location information:

 = location on  = location off

9. Ring Style Indicator


Shows the ring style setting.

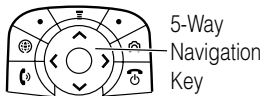
 = loud ring  = soft ring
 = vibrate  = vibrate then ring
 = silent

10. Battery Level Indicator


Vertical bars show the battery charge level. Recharge the battery when **Low Battery** displays and the battery alert sounds.

Using the 5-Way Navigation Key


Use the 5-way navigation key () to scroll up, down, left, or right through the menu system, highlight menu items, change feature settings, and play games. Press the centre select button to select a highlighted menu item.













Using Menus

From the home screen, press  to enter the main menu.







Press  to scroll to and highlight a menu feature icon in the main menu. The following icons represent features that may display in the main menu, depending on your service provider and service subscription options.

Icon	Feature	Icon	Feature
	Phonebook		Recent Calls
	Messages		Office Tools
	Games & Apps		Web Access
	Multimedia		Settings
	IM		Chat

Selecting a Menu Feature

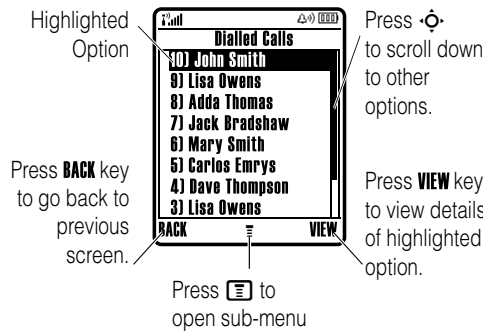
To select a menu feature, starting from the home screen:


Find the Feature  > Recent Calls > Dialed Calls

This example shows that from the home screen, you must press , scroll to and select  Recent Calls from the main menu, then scroll to and select  Dialed Calls. Press  to scroll, and the left/right soft keys to select the functions displayed in the bottom left and right corners of the display.

Selecting a Feature Option


Some features require you to select an option from a list:



Press  to scroll up or down to highlight the option you want.

In a numbered list, press a number key to highlight the option.

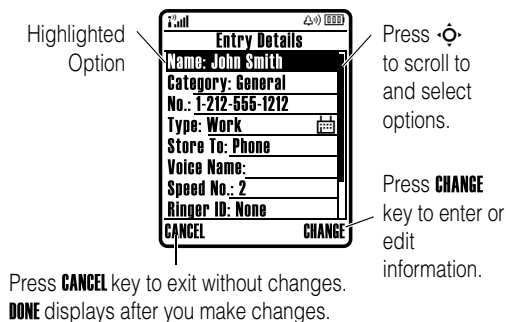
In an alphabetised list, press a key repeatedly to cycle through the letters on the key and highlight the closest matching list option.

When an option has a list of possible values, press  left or right to scroll through and select a value.

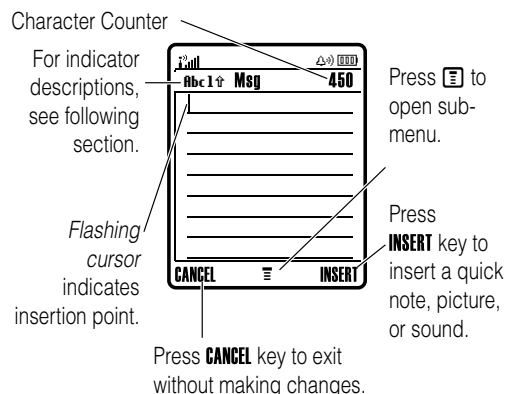
When an option has a list of possible numeric values, press a number key to set the value.

Entering Text

Some features require you to enter information.



The message centre lets you compose and send text messages. A *Character Counter* indicates how many more characters will fit in the message.



Choosing a Text Entry Mode

Multiple text entry modes make it easy for you to enter names, numbers, and messages. The mode you select remains active until you select another mode.

Press **[#]** in any text entry screen to select one of the following entry modes:

- 1** or **[1]** Your **Primary** text entry mode, which can be set to any iTAP® (**[1]**) or tap (**1**) mode (see following section).
- 2** or **[2]** (if available) Your **Secondary** text entry mode, which can be set to any iTAP® (**[2]**) or tap (**2**) mode, or to **None** (see following section).

- 123** **Numeric** mode enters numbers only (see page 50).
- @** **Symbol** mode enters symbols only (see page 50).

Alternatively, you can select a text entry mode in any text entry screen by pressing **[#]** > **Entry Mode**.

Setting Up a Text Entry Mode

Press **[#]** > **Entry Setup** from any text entry screen. Select **Primary Setup** or **Secondary Setup**, and choose:

- iTAP** Let the phone predict each word as you press keys (see page 48).
- Tap** Enter letters and numbers by pressing a key one or more times.
- Tap Extended** Enter letters, numbers, and symbols by pressing a key one or more times.
- None** Hide the Secondary setting (only available for Secondary Setup).

Using Capitalisation

Press **[O]** in any text entry screen to change text case. The following indicators show capitalisation status:

- abc** = no capital letters
- Abc** = capitalise next letter only
- ABC** = all capital letters

Text Entry Mode Indicators

When you select the **Primary** or **Secondary** text entry mode, the following indicators identify the text entry setting:

Primary	Second.	
1	2	Tap, no capital letters
1↑	2↑	Tap, capitalise next letter only
1↑↑	2↑↑	Tap, all capital letters
[1]	[2]	iTAP, no capital letters
[1↑]	[2↑]	iTAP, capitalise next letter only
[1↑↑]	[2↑↑]	iTAP, all capital letters

The following indicators identify Numeric or Symbol entry mode:

123 = numeric mode **@** = symbol mode

Using Tap Mode

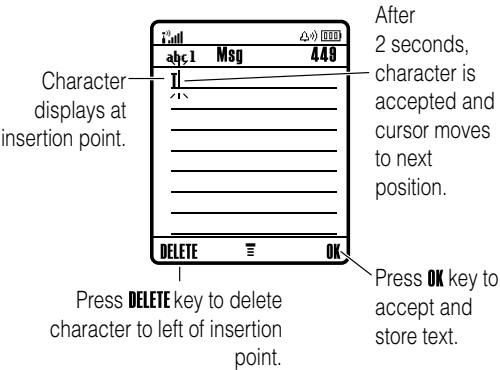
This is the standard mode for entering text on your phone.

Tap mode cycles through the letters and number of the key you press. Tap Extended mode also cycles through additional symbols as shown in the chart on page 47.

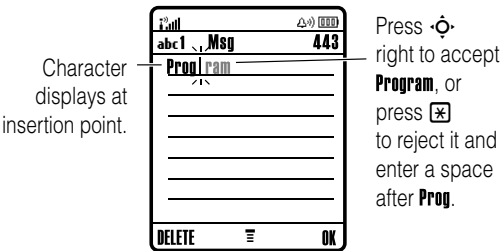
Press	To
1 A keypad key one or more times	select a letter, number, or symbol
2 keypad keys	enter remaining characters.
	Tip: Press [O] right to accept a word completion, or [X] to insert a space.
3 OK key	store the text

In a text entry screen, you can press **[#]** to switch entry modes. If **Tap** or **Tap Extended** is not available as the **Primary** or **Secondary** entry mode, see page 44.

When you enter text with **Tap** or **Tap Extended** mode, the soft key functions change.



When you enter 3 or more characters in a row, your phone may guess the rest of the word. For example, if you enter **prog** you might see:



If you want a different word (such as **progress**), continue pressing keypad keys to enter the remaining characters.

Character Chart

Use this chart as a guide for entering characters with **Tap Extended** mode.

1	.?! , @ ' - _ : ; () & " ~ 1 0 ¿ % £ \$ ¥ ¤ € + x * / \ [] = > < # \$
2	a b c 2 á à â ã ä å æ
3	d e f 3 é ê ë ì
4	g h i 4 í î ï
5	j k l 5
6	m n o 6 ñ ó ò ô õ ö
7	p q r s 7
8	t u v 8 ú û ü ù
9	w x y z 9

0	change text case, for capital letters
*	enter a space (hold to enter a return)
#	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor, **1** first shows common characters for that editor.

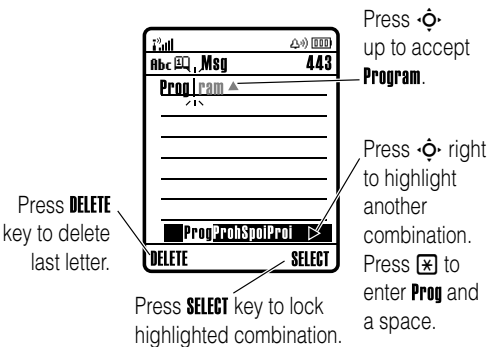
Tap Mode Text Entry Rules

- Press a keypad key repeatedly to cycle through its characters.
- Press **[Left]** or **[Right]** to move the flashing cursor to the left or right in a text message.
- The first character of every sentence is capitalised. Press **[Up]** or **[Down]** to change a highlighted character to uppercase or lowercase.
- If you enter or edit information and do not want to save the changes, press **[X]** to exit without saving.

Using iTAP™ Mode

iTAP software provides a predictive text entry mode that lets you enter a word using one keypress per letter. This can be faster than **Tap** mode, because your phone combines the keypresses into common words.

For example, if you press **7 7 6 4**, letter combinations that match your keypresses display:




If you want a different word (such as **Progress**), continue pressing keypad keys to enter the remaining characters.

Entering Words


In a text entry screen, you can press **[#]** to switch entry modes. An indicator shows which mode is active (see page 45). If **iTAP** mode is not available as the **Primary** or **Secondary** entry mode, see page 44.


Press	To
1 keypad keys (one press per letter)	show possible letter combinations at the bottom of the display
2 [Left] or [Right]	highlight the combination you want

Press	To
3 SELECT key	lock a highlighted combination You can press keypad keys to add more letters to the end of the combination.
or 	enter the highlighted combination when it spells a word A space is automatically inserted after the word.


If you enter a word your phone does not recognise, the phone stores it to use as one of your word options. When you fill memory space for unrecognised words, your phone deletes the oldest words to add new words.


Using Numeric Mode

In a text entry screen, press  to switch entry modes until the **123** (numeric) indicator displays.

Press keypad keys to enter the numbers you want. When you finish entering numbers, press  to switch to another entry mode.

Using Symbol Mode

In a text entry screen, press  to switch entry modes until the **@** (symbol) indicator displays.

Press	To
1 keypad keys (one press per symbol)	show possible symbol combinations at the bottom of the display
2  left or right	highlight the combination you want

Deleting Letters and Words

Place the cursor to the right of the text you want to delete, and then:

Action

Press the **DELETE** key to delete one letter at a time.

Hold the **DELETE** key to delete all the text.

Using the Smart Key

The smart key (see the diagram on page 1) gives you another way to perform many basic phone functions. It anticipates the next action you are likely to perform. For example, when you highlight a menu item, you can press the smart key to select it. The smart key usually performs the same function as the right soft key.

Using the External Display

When the flip is closed, the external display shows time and phone status information. It also displays messages to notify you of incoming calls and other events.


- For descriptions of status indicators, see page34.
- For a description of the external camera display, see page25.

Note: You cannot make or receive calls when the phone is closed unless you attach a headset.

Using the Handsfree Speaker













When you activate your phone's built-in handsfree speaker, you can talk to the other party without holding the phone to your ear.


Press the **SPEAKER** key to turn the handsfree speaker on or off during a call.

Press	To
3 SELECT key	lock a highlighted combination You can press keypad keys to add more symbols to the end of the combination.
or 	enter the highlighted combination

Symbol Chart

Use this chart as a guide for entering characters with symbol mode.

	.?! , @ ' - _ : ; () & " ~ 1 0 ¿ % £ \$ ¥ ¢ € + x * / \ [] = > < # \$
	@ _ \ a ß
	/ : ; d D e j F
	" & ' g G h i
	() [] { } k l L
	¿ ¡ ~ m n w W
	< > = p P r s S
	\$ £ ¥ ¢ € q Q t u
	# % * z x X c y Y
	+ - x * / = > < # \$
	enter a space (hold to enter a return)
	change text entry mode (hold for default)

Note: This chart may not reflect the exact character set available on your phone. In an email address or URL editor,  first shows common characters for that editor.

When you turn the handsfree speaker on, your phone displays **Speaker On** in the home screen. The handsfree speaker remains on until you press the **SPEAKER** key again or turn the phone off.

Note: The handsfree speaker is disabled when you connect your phone to a handsfree car kit or headset accessory.

Changing a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset these codes before you receive your phone.

If your service provider has not reset these codes, we recommend that you change them to prevent others from accessing your personal information. The unlock code must contain 4 digits, and the security code must contain 6 digits.

You can also reset your SIM card PIN code, or PIN2 code if necessary.

To change a code or password:

Find the Feature  > **Settings > Security**
> **New Passwords**


Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, but you must unlock it to answer.

You can make emergency calls on your phone even when it is locked (see page 63).

Locking Your Phone Manually

Find the Feature			> Settings > Security > Phone Lock > Lock Now
Press		To	
1	keypad keys	enter your unlock code	
2	OK key	lock the phone	

Unlocking Your Phone


Your phone's unlock code is originally set to 1234. Your service provider may reset the unlock code to the last 4 digits of your phone number.

At the **Enter Unlock Code** prompt:

Press		To	
1	keypad keys	enter your unlock code	
2	OK key	unlock your phone	

Setting Your Phone to Lock Automatically


You can set your phone to lock every time you turn it off:

Find the Feature			> Settings > Security > Phone Lock > Automatic Lock > On
Press		To	
1	keypad keys	enter your unlock code	
2	OK key	activate automatic lock	

If You Forget a Code, PIN, or Password

Your phone's 4-digit unlock code is originally set to 1234, and the 6-digit security code is originally set to 000000. Your service provider may reset the unlock code to the last 4 digits of your phone number before you receive your phone.

If you forget your unlock code, try entering 1234 or the last 4 digits of your phone number. If that does not work, at the **Enter Unlock Code** prompt:

Press		To	
1		display the unlock code bypass screen	
2	keypad keys	enter your security code	
3	OK key	submit your security code	

If you forget your security code, SIM card PIN code, or PIN2 code, contact your service provider.



Setting Up Your Phone

Storing Your Name and Phone Number



To store or edit your name and phone number information on your SIM card:

Find the Feature  > **Settings** > **Phone Status** > **My Tel. Numbers**

Shortcut: Press   from the home screen to edit your name and phone number.

If you do not know your phone number, contact your service provider.

Setting the Time and Date

Your phone uses the time and date for the **Databook**. To change the time or date on your phone.

Find the Feature  > **Settings** > **Initial Setup** > **Time and Date** > *time* or *date*



If you see an **Autoupdate** option under **Time and Date**, you can select **Autoupdate** > **On** to have the network update your phone's time and date automatically.


Setting a Ring Style

Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*.

You can select one of five different ring styles. The ring style indicator in the display shows the current ring style (see page 38).

To set a ring style:

Find the Feature  > **Settings** > **Ring Styles** > **Style**

Press	To
1 	scroll to the ring style
2 SELECT key	select the ring style

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume. To change these settings, press  > **Settings** > **Ring Styles** > *style Detail*.

Setting Answer Options

You can activate additional modes for answering calls:





Find the Feature  > **Settings** > **In-Call Setup** > **Answer Options**

Option	Description
Multi-key	answer by pressing any key
Open to Answer	answer by opening the phone

Setting a Wallpaper Image

You can set a photo, picture, or animation as a wallpaper (background) image in your phone's home screen. The wallpaper image appears as a faint watermark in text and menu displays.

Find the Feature  > **Settings** > **Personalise** > **Wallpaper** > **Picture**





Press	To
1 	scroll to a picture/animation Scroll to [None] to turn off the wallpaper image. Tip: Press  > Switch Storage Device to view pictures stored on the Phone or Trans memory card.
2 SELECT key	select the image
3 	scroll to Layout
4 CHANGE key	adjust the image layout
5 	scroll to Centre , Tile , or Fit-to-screen Centre places the image in the centre of the display. Tile fills the display with multiple copies of the image. Fit-to-screen resizes the image, if necessary, to fit the display.
6 SELECT key	confirm the layout setting
7 BACK key	save wallpaper settings

Setting a Screen Saver Image

The screen saver image displays when the phone is on and no activity is detected for a specified time. The image shrinks to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation displays.

Tip: Turn off the screen saver to extend battery life.

Find the Feature  > **Settings** > **Personalise** > **Screen Saver**

Press	To
1 	scroll to Picture
2 CHANGE key	open the picture viewer
3 	scroll to an image Scroll to [None] to turn off the screen saver image.
4 SELECT key	select the image
5 	scroll to Delay
6 CHANGE key	set the delay interval
7 	scroll to the inactivity interval that triggers the screen saver
8 SELECT key	confirm the delay setting
9 BACK key	save the screen saver settings

Setting Display Skin

Change the look and wallpaper for your phone's display by selecting a different skin setting.

Find the Feature  > **Settings** > **Personalise** > **Skin**

Setting Display Brightness

Find the Feature



> **Settings** > **Initial Setup**
> **Brightness**

Adjusting the Backlight

Set the amount of time that the display and keypad backlights remain on.

Find the Feature



> **Settings** > **Initial Setup**
> **Backlight**

Setting Display Timeout

Set the display to turn itself off when no activity is detected for a specified time.

Find the Feature



> **Settings** > **Initial Setup**
> **Display Timeout**

Conserving Battery Power

Some networks and phones include a battery save setting to extend battery life. When this feature is activated, your phone automatically turns off the keypad backlight when it detects that enough ambient light is available.

Find the Feature



> **Settings** > **Initial Setup**
> **Battery Save**

Calling Features

For basic instructions on how to make and answer calls, see page 18.

Changing the Active Line



Change the active phone line to make and receive calls from your other phone number.

Note: This feature is available only for dual-line-enabled SIM cards.

Find the Feature



> **Settings > Phone Status
> Active Line**

Tip: The active line indicator in the display shows the currently active phone line (see page 37).

Redialling a Number

Press	To
1	view the dialled calls list
2	scroll to the entry you want to call
3	redial the number

Using Automatic Redial



When you receive a busy signal, your phone displays **Number Busy**.

Calling Features - 61

To redial the phone number:

Press	To
or RETRY key	activate automatic redial

Your phone automatically redials the number. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

Using Caller ID

Incoming Calls



Calling line identification (Caller ID) displays the phone number for incoming calls in your phone's display.

The phone displays the caller's name (and picture, if available) when the name is stored in your phonebook.

Outgoing Calls



You can show or hide your phone number as an ID for the calls that you make.

Find the Feature



> **Settings > In-Call Setup
> My Caller ID**

Shortcut: While dialling (with digits visible in the display), press > **Hide ID/Show ID**.

Cancelling an Incoming Call

While the phone is ringing or vibrating:

Press	To
	cancel the incoming call



Depending on your phone settings and/or service subscription, the call may be diverted to another number, or the caller may hear a busy signal.

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
volume key	turn off the alert (you can still answer)

Calling an Emergency Number

Your service provider programs one or more emergency phone numbers, such as 999, that you can call under any circumstances, even when your phone is locked or the SIM card is not inserted.

Emergency numbers vary by country. Your phone's preprogrammed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press	To
1 keypad keys	dial the emergency number
2	call the emergency number


Dialling International Numbers

Press and hold **[0]** to insert the local international access code (+) for the country from which you are calling.

Viewing Recent Calls

Your phone keeps lists of the calls you recently received and dialled, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new entries are added.

Shortcut: Press **[☰]** from the home screen to view the **Dialled Calls** list.

Find the Feature  > Recent Calls	
Press	To
1 [0]	scroll to Received Calls or Dialled Calls
2 SELECT key	select the list
3 [0]	scroll to an entry ✓ means the call connected.
4 [☎]	call the entry's number Press and hold [☎] for 2 seconds to send the number as DTMF tones during a call (see page82).
or VIEW key	view entry details
or [☰]	open the Last Calls Menu to perform various operations on the entry

The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Hide ID/Show ID	Hide or show your caller ID for the next call.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent calls lists.
Send Tones	Send the number to the network as DTMF tones (see page82). <i>Note: This option displays only during a call.</i>
Talk then Fax	Talk and then send a fax in the same call (see page84).

Returning an Unanswered Call


Your phone keeps a record of your unanswered calls, and displays:

- **X Missed Calls**, where X is the number of missed calls

Press	To
1 VIEW key	see the received calls list
2 [0]	select a call to return
3 [☎]	make the call

Using the Notepad

The most recent set of digits entered on the keypad are stored in your phone's notepad memory. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature  > Recent Calls > Notepad	
Press	To
[☎]	call the number
or [☰]	open the Dialling Menu to attach a number, insert a special character, or other perform other tasks
or STORE key	create a phonebook entry with the number in the No. field

Attaching a Number

While dialling (with digits visible in the display):

Press	To
[☰] > Attach Number	attach a number from the phonebook or recent calls lists

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique speed dial number.

To see an entry's speed dial number, press **[☰]** > **Phonebook**, scroll to the entry, press **VIEW** key.

To speed dial a phonebook entry, from the home screen:

Press	To
1 keypad keys	enter the speed dial number for the entry you want to call
2 [#]	submit the number
3 [☎]	call the entry

Calling With 1-Touch Dial

To call phonebook entries 1 to 9, press and hold the single-digit speed dial number for one second.

Tip: You must specify which phone number list you want to use with this feature: phone memory phonebook or SIM card phonebook (see page 78).

Using Voicemail



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.


Your service provider may include additional information about using this feature.

Listening to Voicemail Messages

Find the Feature	[☰] > Messages > Voicemail
-------------------------	---

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Receiving a Voicemail Message



When you receive a voicemail message, your phone displays the  (voicemail message) indicator and a **New Voicemail** notification.

Press	To
CALL key	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store a number.

Storing Your Voicemail Number

If necessary, use the following procedure to store your voicemail phone number on your phone. Usually, your service provider has already done this for you.



Find the Feature		 > Messages
		 > Voicemail Setup
Press	To	
1 keypad keys	enter your voicemail number	
2 OK key	store the number	

You cannot store a **⏸** (pause), **⏴** (wait), or **⏶** (number) character in this number. If you want to store a voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail.

Using Call Waiting




When you are on a call, an alert tone sounds to indicate that you have received a second call.


Press	To
1 	answer the new call
2 SWITCH key	switch between calls
or	
LINK key	connect the 2 calls
or	
 > End Call On Hold	end the call on hold

You must turn on call waiting to use the feature. To turn call waiting on or off:

Find the Feature	 > Settings > In-Call Setup > Call Waiting
-------------------------	---

Putting a Call On Hold

Press	To
 > Hold	put the call on hold





Press the **RESUME** key to resume the call, or press  to see other options.

Transferring a Call





You can announce that you are transferring an active call to another party, or you can directly transfer the call.

Announce the Call Transfer

Find the Feature		 > Hold
Press	To	
1 keypad keys	dial the number where you are transferring the call	
2 	call the number and speak to the person who answers	
3 	open the menu	
4 	scroll to Transfer	
5 SELECT key	select Transfer	
6 OK key	confirm the transfer	

Do Not Announce the Call Transfer

Find the Feature		 > Transfer
Press	To	
1 keypad keys	dial the number where you are transferring the call	
2 	transfer the call	

Phone Features

Menu Map

Main Menu

- Phonebook**
- Recent Calls**
 - Received Calls
 - Dialled Calls
 - Notepad
 - Call Times
 - Call Cost *
 - Data Times
 - Data Volumes
- Messages**
 - New Message
 - Email Msgs
 - Message Inbox
 - Voiceemail
 - Browser Msgs
 - Info Services *
 - Quick Notes
 - Outbox
 - Drafts
 - MMS Templates
- Office Tools**
 - SIM Applications *
 - Calculator
 - Datebook
 - Shortcuts
 - Voice Records
 - Alarm Clock
 - Dialling Services
 - Fixed Dial
 - Service Dial *
 - Quick Dial *
 - Chat
- Games & Apps**
- Web Access**
 - Browser
 - Web Shortcuts
 - Stored Pages
 - History
 - Go To URL
 - Browser Setup
 - Web Sessions
- Multimedia**
 - Themes
 - Camera
 - Pictures
 - Sounds
 - MotoMixer
 - Videos
- IM**
 - Log In
 - Offline Convs.
 - IM Account
 - Offline Settings
 - Help
- Settings**
 - (see next page)

* optional features

This is the standard main menu layout. Menu organisation and feature names may vary on your phone. Not all features may be available on your phone.

Phone Features - 71

Settings Menu

- Personalise**
 - Home Screen
 - Main Menu
 - Skin
 - Greeting
 - Wallpaper
 - Screen Saver
 - Quick Dial
- Ring Styles**
 - Style
 - style Detail
- Connection**
 - Bluetooth Link
 - Sync
 - USB Settings
- Call Divert**
 - Voice Calls
 - Fax Calls
 - Data Calls
 - Cancel All
 - Divert Status
- In-Call Setup**
 - In-Call Timer
 - Call Cost Setup *
 - My Caller ID
 - Talk and Fax
 - Answer Options
 - Call Waiting
- Initial Setup**
 - Time and Date
 - 1-Touch Dial
 - Display Timeout
 - Backlight
 - Scroll
 - Language
 - Battery Save
 - Brightness
 - DTMF
 - Master Reset
 - Master Clear
- Phone Status**
 - My Tel. Numbers
 - Credit Info/Availabl e*
 - Active Line *
 - Battery Meter
 - Storage Devices
 - Software Update *
 - Other Information
- Headset**
 - Auto Answer
 - Voice Dial
- Car Settings**
 - Auto Answer
 - Auto Handsfree
 - Power-off Delay
 - Charger Time
- Network**
 - New Network
 - Network Setup
 - Available Networks
 - Service Tone
 - Call Drop Tone
- Security**
 - Phone Lock
 - Lock Application
 - Fixed Dial
 - Restrict Calls
 - SIM PIN
 - New Passwords
 - Certificate Mgmt
- Java Settings**
 - Java System
 - Delete All Apps
 - App Vibration
 - App Volume
 - App Priority
 - App Backlight
 - Set Standby App
 - DNS IP

* optional features

Feature Quick Reference








This section helps you locate features on your phone that are not described in this guide.

Calling Features





Feature	Description
Conference Call	During a call: > Hold , dial next number, press , press the LINK key
Call Diverting	Set up or cancel call diverting: > Settings > Call Divert
Restrict Calls	Restrict outgoing or incoming calls: > Settings > Security > Restrict Calls





Messages

Feature	Description
Send Text Message	Send a text message: > Messages > New Message > New Short Msg
Send Multimedia Message	Send a multimedia message: > Messages > New Message > New Multimedia Msg







Feature	Description
Use MMS Template	Open an MMS template with preloaded media:  > Messages > New Message > MMS Templates 
Send Letter	Send a multimedia letter:  > Messages > New Message > New Letter 
Read Message	Read a new text or multimedia message that you have received: Press the READ key. 
Store Message Objects	Go to a multimedia message slide, or highlight an object in a letter, then:  > Store 

Instant Messaging




Feature	Description
Log In	Log in to instant messaging:  > IM > Log In 
Find Others Online	After you log in: Select Contact List to see a list of other users. 
Start Conversation	Start a conversation: From your Contact List , highlight a name in Online Contacts , press the SEND IM key. 

Feature	Description
Open Active Conversation	Open a conversation in progress: From your Contact List , highlight a name in Conversations , press the VIEW key. 
End Conversation	From the conversation display:  > End Conversation 
Log Out	Log out of instant messaging: Select Log Out from the IM Online menu. 










Chat













Feature	Description
Start Chat	Start a new chat session:  > Office Tools > Chat  > New Chat 
Receive Chat Request	When you receive a chat request: Press the ACCEPT key or the IGNORE key. 
End Chat	During a chat session:  > End Chat 









Email

Feature	Description
Send Email Message	Send an email message:  > Messages > New Message > New Email 
Read Email Message	Read a new email message that you have received: Press the READ key. 



Phonebook








Feature	Description
Create Entry	Create a new phonebook entry:  > Phonebook  > New > Phone Number or Email Address 
Create Group Mailing List	Create a group mailing list as a phonebook entry:  > Phonebook  > New > Mailing List 
Dial Number	Call a number stored in the phonebook:  > Phonebook , highlight the phonebook entry, press  to call 
Voice Dial Number	Voice dial a number stored in the phonebook: Press and release the voice key, and say the entry's name (within 2 seconds).




Feature	Description
Set Ringer ID for Entry	Assign a distinctive ringer alert to a phonebook entry:  > Phonebook > <i>entry</i>  > Edit > Ringer ID > <i>ringer name</i> <i>Note: The Ringer ID option is not available for entries stored on the SIM card.</i> 
Set Picture ID for Entry	Assign a picture to display when you receive calls from an entry:  > Phonebook > <i>entry</i>  > Edit > Picture > <i>picture</i> <i>Note: The Picture option is not available for entries stored on the SIM card.</i> 
Set Category for Entry	Set the category for a phonebook entry:  > Phonebook > <i>entry</i>  > Edit > Category > <i>category name</i> <i>Note: The Category option is not available for entries stored on the SIM card.</i> 
Set Picture ID View	View phonebook entries as text list, or with picture caller ID photos:  > Phonebook  > Setup > View by > <i>view</i> <i>Note: The Picture option is not available for entries stored on the SIM card.</i> 

Feature	Description
Sort Phonebook List	Set the order in which phonebook entries are listed:  > Phonebook  > Setup > Sort by > <i>sort order</i>
Set Primary Number	Set the primary number for a phonebook entry with multiple numbers:  > Phonebook , scroll to entry, press  > Set Primary > <i>phone number</i>
Copy Phonebook Entry to Another Device	Copy a phonebook entry to another phone, computer, or device:  > Phonebook , highlight the entry, press   > Send > Bluetooth
1-Touch Dial	Set 1-touch dial to call entries stored in your phone memory phonebook or the SIM card phonebook:  > Settings > Initial Setup > 1-Touch Dial




Personalising Features

Feature	Description
Ring Style	Change the ring alert for an event:  > Settings > Ring Styles > <i>style Detail</i> > <i>event name</i>
Ringer IDs	Activate distinctive ring alerts assigned to phonebook entries:  > Settings > Ring Styles > <i>style Detail</i> > Ringer IDs







Feature	Description
Ring Volume	Set ringer volume:  > Settings > Ring Styles > <i>style Detail</i> > Ring Volume
Keypad Volume	Set keypad keypress volume:  > Settings > Ring Styles > <i>style Detail</i> > Key Volume
Clock View	Display an analogue clock or digital time readout in the home screen:  > Settings > Personalise > Home Screen > Clock
Menu View	Display the main menu as graphic icons or as a text-based list:  > Settings > Personalise > Main Menu > View
Main Menu	Reorder your phone's main menu:  > Settings > Personalise > Main Menu > Reorder
Show or Hide Menu Icons	Show or hide menu feature icons in the home screen:  > Settings > Personalise > Home Screen > Home Keys > Icons
Change Home Screen Keys & Icons	Change soft key labels, smart key function, and menu feature icons in the home screen:  > Settings > Personalise > Home Screen > Home Keys



Feature	Description
Shortcuts	Create a shortcut to a menu item: Highlight the menu item, then press and hold  Select a shortcut:  > <i>shortcut number</i> or  > Office Tools > Shortcuts > <i>shortcut name</i>

Menu Features


Feature	Description
Language	Set menu language:  > Settings > Initial Setup > Language
Master Reset	Reset all options except unlock code, security code, and lifetime timer:  > Settings > Initial Setup > Master Reset
Master Clear	Reset all options except unlock code, security code, and lifetime timer, and clear all user settings and entries except SIM card information:  > Settings > Initial Setup > Master Clear

Dialling Features



Feature	Description
Fixed Dial	When you turn on fixed dialling, you can call only numbers stored in the fixed dial list. Turn fixed dialling on or off:  > Settings > Security > Fixed Dial Use the fixed dial list:  > Office Tools > Dialling Services > Fixed Dial
Service Dial	Dial service phone numbers:   > Office Tools > Dialling Services > Service Dial
Quick Dial	Your service provider may program your phone with one or more quick dial numbers, such as the customer service number.  Dial preprogrammed phone numbers:  > Office Tools > Dialling Services > Quick Dial


Feature	Description
DTMF Tones	<p>You can send Dual Tone Multi-Frequency (DTMF) tones to communicate with systems that require you to submit a PIN code or credit card number. To activate DTMF tones:</p> <p> > Settings > Initial Setup > DTMF</p> <p>To send DTMF tones during a call, press number keys.</p> <p>To send stored numbers as DTMF tones during a call, highlight a number in the phonebook or recent calls lists, then press  > Send Tones.</p>

Call Monitoring

Network connection time is the elapsed time from the moment you connect to your service provider's network to the moment you end the call by pressing . This time includes busy signals and ringing.

The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by your service provider. For billing information, contact your service provider.





Feature	Description
Call Times	<p>View call timers:</p> <p> > Recent Calls > Call Times</p>
In-Call Timer	<p>Display time information during a call:</p> <p> > Settings > In-Call Setup > In-Call Timer</p>

Feature	Description
Call Cost	<p>View call cost information:</p> <p> > Recent Calls > Call Cost</p>





Handsfree Features

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.



Feature	Description
Speaker-phone	<p>Activate the speakerphone during a call:</p> <p>Press the SPEAKER key (if available) or  > Spkrphone On.</p>
Auto Answer (car kit or headset)	<p>Automatically answer calls when connected to a car kit or headset:</p> <p> > Settings > Car Settings or Headset > Auto Answer</p>
Voice Dial (headset)	<p>Enable voice dial with headset send/end key:</p> <p> > Settings > Headset > Voice Dial</p>
Auto Handsfree (car kit)	<p>Automatically route calls to a car kit when connected:</p> <p> > Settings > Car Settings > Auto Handsfree</p>



Feature	Description
Power-Off Delay (car kit)	<p>Set the phone to stay on for a specified time after the ignition is switched off:</p> <p> > Settings > Car Settings > Power-off Delay</p>
Charger Time (car kit)	<p>Charge the phone for a specified time after the ignition is switched off:</p> <p> > Settings > Car Settings > Charger Time</p>






Data and Fax Calls



Feature	Description
Send Data or Fax	<p>Connect your phone to the device, then place the call through the device application.</p>
Receive Data or Fax	<p>Connect your phone to the device, then answer the call through the device application.</p>
Talk Then Fax	<p>Connect your phone to the device, enter the number, then press  > Talk Then Fax  to make the call.</p>





Bluetooth® Wireless Connections

Feature	Description
Make Phone Visible to Other Device	<p>Allow an unknown Bluetooth device to discover your phone:</p> <p> > Settings > Connection > Bluetooth Link > Setup > Find Me</p> <p>Tip: After the first connection, you do not need to select Find Me to reconnect.</p>
Connect to a Handsfree Device	<p>Connect to a handsfree device:</p> <p> > Settings > Connection > Bluetooth Link > Handsfree > device name or Look for Devices</p> <p>Note: If necessary, enter the Bluetooth Passkey code for the device (consult the device user's guide, or try 0000).</p>
Connect to a Handsfree Device During a Call	<p>Switch to a headset or car kit during a call:</p> <p> > Use Bluetooth</p>
Disconnect From Device	<p>Disconnect from a device:</p> <p>Highlight the device name and press the DROP key.</p>



Feature	Description
Edit Device Properties	<p>Edit the properties of a recognised device:</p>  <p>Highlight the device name and press [Menu] > Edit.</p> <p>Tip: Use the Access setting to tell your phone to accept all connections from the device (Automatic), no connections (Ignore), or to prompt you (Ask).</p>
Set Bluetooth Options	<p>Set your phone's Bluetooth options:</p>  <p>[Menu] > Settings > Connection > Bluetooth Link > Setup</p> <p>Tip: If you leave Power set to On all the time, your battery will not last as long.</p>

Network Features

Feature	Description
Network Settings	<p>View network information and adjust network settings:</p>  <p>[Menu] > Settings > Network</p>
Update Phone Software	<p>Install a phone software update that you received or downloaded from your service provider:</p>  <p>[Menu] > Settings > Phone Status > Software Update</p>

Personal Organiser Features

Feature	Description
Create Datebook Event	<p>Create a new datebook event:</p> <p>[Menu] > Office Tools > Datebook, highlight the day, press the centre select button, press [Menu] > New</p>
View or Edit Datebook Event	<p>View or edit event details:</p> <p>[Menu] > Office Tools > Datebook, highlight the day, press the centre select button, press the VIEW key</p>
Event Reminder	<p>View event reminder:</p> <p>VIEW key</p> <p>Close event reminder:</p> <p>BACK key</p>
Copy Datebook Event to Another Device	<p>Copy a datebook event to another phone, computer, or device:</p> <p>[Menu] > Office Tools > Datebook, highlight the day, press the centre select button, highlight the event, press [Menu] > Send > Bluetooth</p>
Set Alarm	<p>Set an alarm:</p> <p>[Menu] > Office Tools > Alarm Clock</p>
Turn Off Alarm	<p>Turn off alarm:</p> <p>Press the DISABLE key or [Stop].</p> <p>Set 8-minute delay:</p> <p>Press the SNOOZE key.</p>





Feature	Description
Create Voice Record	<p>Create a voice record:</p> <p>Press and hold voice key, speak into the phone, release voice key.</p> <p>Note: Recording phone calls is subject to varying laws regarding privacy and recording of conversations.</p>
Play Voice Record	<p>Play back a voice record:</p> <p>[Menu] > Office Tools > Voice Records > <i>voice record</i></p>
Calculator	<p>Calculate numbers:</p> <p>[Menu] > Office Tools > Calculator</p>
Currency Converter	<p>Convert currency:</p> <p>[Menu] > Office Tools > Calculator</p> <p>[Menu] > Exchange Rate</p> <p>Enter exchange rate, press the OK key, enter amount, and press [Menu] > Convert Currency.</p>














Security





Feature	Description
SIM PIN	<p>Lock or unlock the SIM card:</p> <p>[Menu] > Settings > Security > SIM PIN</p> <p>Caution: If you enter an incorrect PIN code 3 times in a row, your SIM card is disabled and your phone displays SIM Blocked.</p>

Feature	Description
Lock Application	<p>Lock phone applications:</p> <p>[Menu] > Settings > Security > Lock Application</p>
Certificate Management	<p>Certificates let your phone verify the identity and security of Web sites when you download files or share information.</p> <p>Enable or disable security certificates stored on your phone:</p> <p>[Menu] > Settings > Security > Certificate Mgmt</p>

News and Entertainment

Feature	Description
Launch Micro-Browser	<p>Start a micro-browser session:</p> <p>Press [F5].</p> 
Download Objects from Web Page	<p>Download a picture, sound, or phone theme from a Web page:</p>  <p>Highlight the file, press the SELECT key, press the STORE key.</p> <p>Normal airtime and/or carrier usage charges apply.</p>
Web Sessions	<p>Select or create a Web session:</p> <p>[Menu] > Web Access > Web Sessions</p> 
Apply Phone Theme	<p>Apply a grouped set of image and sound files to your phone:</p> <p>[Menu] > Multimedia > Themes > <i>theme</i></p> 

Feature	Description
Download Game or Application	<p>Download a Java™ game or application with the micro-browser:</p>  <p>Press , highlight the application, press the SELECT key, press the DOWNLOAD key.</p> <p>Normal airtime and/or carrier usage charges apply.</p>
Launch Game or Application	<p>Launch a Java™ game or application:</p>  <p> > Games & Apps, highlight the application, press the SELECT key</p>
Manage Pictures	<p>Manage pictures and animations:</p>  <p> > Multimedia > Pictures</p> <p>Tip: Press  > Switch Storage Device to view files on your memory card or phone.</p>
Manage Sounds	<p>Manage ring tones, sounds that you have composed or downloaded:</p>  <p> > Multimedia > Sounds</p> <p>Tip: Press  > Switch Storage Device to view files on your memory card or phone.</p>
Manage Video Clips	<p>Manage video clips:</p>  <p> > Multimedia > Videos</p> <p>Tip: Press  > Switch Storage Device to view files on your memory card or phone.</p>

Feature	Description
Edit Sounds With MotoMixer	<p>Edit MIDI-based sound files that you can use with your phone:</p> <p> > Multimedia > MotoMixer > [New MotoMixer] or mix file name</p>
Create Ring Tones	<p>Create ring tones that you can use with your phone:</p> <p> > Multimedia > Sounds > [New iMelody]</p>
Camera	<p>Adjust light level and other settings for the built-in camera:</p>   > Pictures Setup

Specific Absorption Rate Data

This model phone meets international standards for exposure to radio waves

Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organisations through periodic and thorough evaluation of scientific studies. The guidelines include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. Under the guidelines for your phone model, the SAR limit is 2.0 W/kg.¹ Tests for SAR are conducted in accordance with CENELEC² testing procedures using standard operating positions with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a base station, the lower the power output of the phone.

Before a phone model is available for sale to the public, it is tested to confirm compliance with the guidelines. The tests are performed in positions that conform to a uniform testing methodology determined by an expert standards body. The highest SAR value for this model phone when tested for use at the ear is: 0.80 W/kg.³

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

-
- 1 The SAR limit recommended by international guidelines (ICNIRP) for mobile phones used by the public is 2.0 watts/kilogram (W/kg) averaged over ten grams of tissue. The limit incorporates a substantial margin for safety to give additional protection for the public and to account for any variations in measurements.
 - 2 CENELEC is a European Union standards body.
 - 3 Additional related information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

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